

HOSE COUPLING ASSEMBLY

ABSTRACT

A hose assembly is disclosed that includes a hose tube and a nipple assembly. In an embodiment of the invention, the nipple assembly includes a nipple fastener and a nipple extending from an end. A socket covers the nipple and includes a socket fastener mated with the nipple fastener for drawing the socket towards the nipple assembly. A sleeve is interposed between the covering layer and the tube and is interposed between the socket and the nipple. The sleeve includes at least one barb formed on a surface contacting the tube and a cavity formed to adjoin an end of the tube. An annular sealing member is positioned in the cavity to contact the nipple, at least one surface of the cavity, and the tube. The sleeve causes the tube to be compressed between the sleeve and the nipple, thereby sealing the hose against the nipple assembly.

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